

## ABSTRACT OF THE DISCLOSURE

A process for the stimulation of production of extracellular dermal matrix proteins in human  
5 tissue through the simultaneous delivery of ultrasound and electrical energy thereto. In another  
aspect, a wound is purposefully created in the dermal layer of the skin to stimulate natural healing  
processes to be followed by delivery of ultrasound and electrical energy to further advance the  
production of extracellular dermal proteins.

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